

Eaton Series G Circuit Breakers

			GE								GJ				GL				GN				GR															
																																						
Ampere Range			16 – 160 A 								15 – 250 A				100 – 630 A 				400 – 1250 A 				1600 A 		800 – 2500 A													
Breaker Type			GEB		GEE		GES		GEH		GJE		GJS		GJH		GJC		GLE		GLS		GLH		GLC		GNS		GNH		GNC		GNS		GRH		GRC	
Breaker Capacity (kA rms) ac 50 – 60 Hz																																						
NEMA® IEC 60947-2	240 Vac		25	25	35	85	85	100	100	65	85	100	200	65	85	100	200	65	100	200	—	125	200															
	480 Vac		—	18	25	—	35	—	65	25	35	65	100	35	50	65	100	50	65	100	—	65	100															
	600 Vac		—	—	18 	22 	22 	30 	25 	18	25	35	50	18	25	35	50	25	35	50	—	50	65															
	220 – 240 Vac	I _{CU}	25	25	35	85	85	100	100	65	85	100	200	65	85	100	200	85	100	200	85	135	200															
		I _{CS}	25	25	35	43	43	50	50	65	85	100	150	65	85	100	150	85	100	100	85	100	100															
380 – 415 Vac	I _{CU}	—	18	25	—	40	—	70	25	40	70	100	35	50	70	100	50	70	100	50	70	100																
	I _{CS}	—	18	25	—	30	—	35	25	40	70	75	35	50	70	75	50	50	50	50	50	50																
660 – 690 Vac	I _{CU}	—	—	3	—	4	—	6	12	12	14	20	12	20	25	35	20	25	35	20	25	35																
	I _{CS}	—	—	3	—	3	—	3	6	6	7	10	6	10	13	18	10	13	18	10	13	18																
250 Vdc (2 poles in series.)	I _{CU}	10	10	10	35	35	42	42	10	35	42	42	22	22	42	42	—	—	—	—	—	—																
	I _{CS}	10	10	10	35	35	42	42	10	35	42	42	22	22	42	42	—	—	—	—	—	—																
Number of Poles		1	2, 3, 4	2, 3, 4	1	2, 3, 4	1	2, 3, 4	2, 3, 4				3, 4				2, 3, 4				3		3, 4															
Thermal Magnetic		Fixed Thermal																																				
		Adjustable Thermal																																				
		Magnetic	Fixed							Adjustable				Adjustable				Adjustable				Adjustable																
Electronic rms (Not suitable for dc application, 4-pole ground fault not available.)		LI	—							—				—				—				—																
		LS	—							—				—				—				—																
		LSI	—							—				—				—				—																
		LIG	—							—				—				—				—																
		LSG	—							—				—				—				—																
		LSIG	—							—				—				—				—																
Interchangeable Trip		—							—				—				—				—				—													
Dimensions — (mm)		H	W		D		H	W		D		H	W		D		H	W		D		H	W		D													
		1-Pole	(25.4)		(76.0)		—	—		—	—	—	—	—	—		—	—	—	—	—	—	—	—		—												
		2-Pole	(50.8)		(76.0)		—	—		—	—	—	—	—	—		—	—	—	—	—	—	—	—		—												
		3-Pole	(76.2)		(76.0)		(177.8)	(105.0)		(87.4)		(258.0)	(140.0)		(104.0)		(406.0)	(210.0)		(140.0)		(406.0)	(394.0)		(229.0)													
		4-Pole	(101.6)		(76.0)		—	(135.6)		—		—	(183.0)		—		—	(280.0)		—		—	(508.0)		—													
Weight (Approximate) — (kgs.)		1-Pole (0.5)	2-Pole (0.9)	3-Pole (1.4)	4-Pole (1.8)	2-Pole (5.2)	3-Pole (5.2)	4-Pole (7.0)	3-Pole (7.3)		4-Pole (9.1)		3-Pole (21.3)		4-Pole (28.3)		3-Pole (47.0)		4-Pole (54.0)																			
Utilization Category		A								A				A				A				A																

Molded Case Switches																				
3-Pole / 4-Pole			3-Pole			3-Pole / 4-Pole			3-Pole / 4-Pole			3-Pole / 4-Pole			3-Pole / 4-Pole					
Motor Circuit Protectors																				
	GE Frame — 600Y/347 Vac Maximum, 250 Vdc Maximum			GJ Frame — 600 Vac Maximum, 250 Vdc Maximum			GL Frame — 600 Vac Maximum, 250 Vdc Maximum			GN Frame — 600 Vac Maximum			GR Frame — 600 Vac Maximum							
	Continuous Amperes		Magnetic Range (Amperes)	Continuous Amperes		Magnetic Range (Amperes)	Continuous Amperes		Magnetic Range (Amperes)	Continuous Amperes		Magnetic Range (Amperes)	Continuous Amperes		Magnetic Range (Amperes)					
	3 – 100		9 – 1500	250		500 – 2500	600		1125 – 6000	800 – 1200		1600 – 9600	–		–					
Terminals — Note: GE, GJ, GL MCCBs come with Cu/Al standard terminals.																				
Terminal Body Material	Steel	Aluminum		Aluminum	Stainless Steel	Aluminum	Copper	Aluminum	Copper	Aluminum	Copper	Aluminum	Copper	Aluminum	Copper	Aluminum	Copper	Aluminum	Copper	
Wire Type	Cu/Al	Cu/Al	Cu/Al	Copper	Cu/Al	Cu/Al	Copper	Cu/Al	Copper	Cu/Al	Copper	Cu/Al	Copper	Cu/Al	Copper	Cu/Al	Copper	Cu/Al	Copper	
Metric Wire Range mm ²	2.5 – 95	2.5 – 50	16 – 70	35 – 120	25 – 185	25 – 185	25 – 185	240 – 380	35 – 240	240 – 380	35 – 240	120 – 300	95 – 185	300 – 500	50 – 300	35 – 300	–	–	–	
AWG Wire Range	#14 – 3/0	#14 – 1/0	#6 – 3/0	#3 – 250	#4 – 350	#4 – 350	#4 – 350	500 – 750	2 – 500	500 – 750	2 – 500	2 – 500	3/0 – 400	500 – 1000	1 – 600	1600 – 2000A	2500A	–	–	
AWG Wire Number of Conductors	1	1	1	1	1	1	1	1	1	1	1	2	2	4	4	4	6	–	–	
Catalog Number	–	–	–	–	T250FJ	TA250FJ	TC250FJ	–	TA350LK	–	T350LK	–	–	TA1200NB3M	T1200NB3M	TA1600RDM	T1600RDM	TA2000RDM	B2016RDM	B2500RDM
Catalog Number (Package of 3 Terminals)	3T125EF	3T125EF	3TA150EF	3TA160EFK	3TA160EFK	–	–	–	3TA631LK	–	3TA631LK	–	3TA632LK	3T632LK	–	–	–	–	–	–
Catalog Number (Package of 4 Terminals)	–	–	–	–	–	–	–	–	4TA631LK	4TA632LK	4T631LK	4T632LK	–	–	–	–	–	–	–	–

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Maximum NEMA ratings: GE– 125 amperes, GL– 600 amperes, GN – 1200 amperes.

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600Y/347

Cutler-Hammer is a federally registered trademark of Eaton Corporation.